

Table 2-1 Regimental Training Requirements	
Task	Remarks
Familiarization	Required to familiarize Rangers on the capabilities of weapons and ammunition.
Zero/Field Fire Qualification Night Fire/NBC Fire	Regiment is required to qualify every six months to maintain readiness. Qualification includes those activities required for qualification set forth in the FM appropriate to the weapon system.
Squad/Platoon LFX	Each Ranger battalion is required to conduct a LFX every six weeks.
CALFEX	Each Ranger battalion participates in a minimum of two CALFEXs per year. CALFEXs are extensive live fire exercises that integrate all weapon systems into the operation.
JOTC/JRTC/NTC	Each Ranger battalion participates in one JOTC, JRTC, or NTC rotation at least biennially.
Major Exercise	Each Ranger battalion participates in one major exercise annually (for example, Bright Star, Cobra Gold).
Joint Readiness Exercise (JRX)	JRXs involve one or more Ranger battalions and aviation assets from SOAR and 16 <sup>th</sup> SOW. JRXs are conducted four times a year, with one battalion conducting two, and two battalions conducting one each.
Bilateral Training (BILAT)	This training is conducted at a smaller scale than a JRX. BILATs are used to enhance proficiency of special operations skills of both Rangers and the supporting air unit. BILATs are conducted eight times a year, with one battalion conducting four and two battalions conducting two each.
Advance MOUT Training (AMT)	AMT is the Regiment's MOUT training program. Each Ranger battalion will participate in an intensive MOUT training period twice a year which includes a semi-annual "Train the Trainer" requirement. This training is conducted by each Rifle company.
Ranger Ready Force (RRF)	RRF-1 assumption occurs four times a year. One Ranger battalion will assume RRF-1 two times, while two Ranger battalions will assume RRF-1 one time each.
EDRE	The Regimental EDRE program requires at least one RRF-1 rifle company be evaluated per RRF-1 cycle.

Table 2-2 Annual Ammunition Requirement and Training Strategy for the 9mm Pistol		
Event	Frequency	Rounds Required
DODIC		A363
Familiarization	2	40
Record/qualification	2	40
Advance MOUT Training (AMT)	1	40
RRF Preparation	1.33	14
<b>Total Rounds Required</b>		<b>219</b>

Table 2-3 Annual Ammunition Requirement and Training Strategy for the M16A2/M4A1 (CAT I & II) <sup>1</sup>					
Event	Frequency		Rounds Required		
			Ball	Tracer	Blank
DODIC	CAT I	CAT II	A059	A063	A080
Familiarization	2	2			
Zero	2	2	18		
Field Fire	2	2	40		
Record Qualification	2	2	40		
NBC Practice/Field Fire	2	2	20		
NBC Record Fire	2	2	20		
Night Practice Fire	2	2	20	10	
Night Record Fire	2	2	20	10	
Squad/Platoon FTX	2				120
Squad/Platoon LFX	6		210	20	
CALFEX	2		210	20	
Company FTX/DFT	2		210		120
Battalion FTX	1				120
EXEVAL	1				120
Major Exercise	1				210
JRX	1.33				120
BILAT	2.67	2.67			120
Advance MOUT Training (AMT)	1		210		
RRF Preparation	1.33		18		
EDRE	1		210		120
<b>Total Rounds Required</b>	<b>CAT I</b>		<b>2900</b>	<b>200</b>	<b>1530</b>
	<b>CAT II</b>		<b>356</b>	<b>40</b>	<b>320</b>

Notes:

1. This includes M16A1/M4A1 with M203.

Table 2-4 Annual Ammunition Requirement and Training Strategy for the 12 Gauge Shotgun (CAT I)		
Event	Frequency	Rounds Required 00 Buckshot
DODIC		A011
Familiarization	3	10
Squad/Platoon LFX	6	25
CALFEX	2	10
Major Exercise	1	10
JRX	1.33	10
Advance MOUT Training (AMT)	1	25
RRF Preparation	1.33	10
EDRE	1	10
<b>Total Rounds Required</b>		<b>272</b>

Table 2-5 Annual Ammunition Requirement and Strategy for the M24 Sniper Rifle (CAT I)			
Event	Frequency	Rounds Required	
		7.62 Match	.50 cal
DODIC		A136	A531
Sustainment	2		40
Familiarization	12	6	
Zero	12	27	
Record/Qualification	4	60	
Night Record Fire	4	15	
Squad/Platoon LFX	6	86	
CALFEX	2	21	
Major Exercise	1	21	
JRX	1.33	21	

AMT	1	86	
RRF Preparation	1.33	20	
<b>Total Rounds Required</b>		<b>1416</b>	<b>80</b>

Table 2-6  
Annual Ammunition Requirement and Training Strategy for the M203 Grenade Launcher (CAT 1)

Exercises (CATT)				
Event	FREQ	HE	<u>Rounds Required</u> TP	WSP
DODIC		B546	B519	B535
Zero	2		6	
Record / Qualification	2		12	
Night Practice Fire	2	3		
Squad / Platoon LFX	6		18	4
CALFEX	2	4	18	4
Company FTX / DFT	2		18	4
EXEVAL	1		18	4
Major Exercise	1		18	4
JRX	1.33		18	4
RRF Preparation	1.33	3		
EDRE	1		18	
<b>Total Rounds Required</b>		<b>18</b>	<b>294</b>	<b>53</b>

Table 2-7 Annual Ammunition Requirement and Training Strategy for the M249 SAW				
Event	FREQ	<u>Rounds Required</u>		
		BALL	MIX	BLANK
DODIC		A062	A064	A075
10m Zero / Practice <sup>1</sup>	2	57		
10m Practice Qual. <sup>1</sup>	2	39		
10m Qual. <sup>1</sup>	2	42		
Practice Transition <sup>1</sup>	2	9	195	
Trans. Qualification <sup>1</sup>	2		195	
Night / Zero / Rec Fire <sup>2</sup>	2	51	195	
Squad / Platoon FTX	2			800
Squad / Platoon LFX	6		800	
CALFEX	2		800	
Company FTX / DFT	2		800	800
Battalion FTX	1			1000
EXEVAL	1			800
Major Exercise	1			800
JRX	1.33			800
BILAT	2.67			800
RRF Preparation	1.33		40	
EDRE	1		800	400
<b>Total Rounds Required</b>		<b>396</b>	<b>10023</b>	<b>9400</b>

Notes:

1. Practice and Qualify IAW FM 23-14.
2. Night zero and record fire IAW FM 23-14.





Table 2-8

## Annual Ammunition Requirement and Training Strategy for Hand Grenades

Event	FREQ	FRAG	FUZE	CONC
DODIC		G881	G878	G911
Live Grenade Throw	1	1	3	
Record / Qualification	2		4	
Squad / Platoon LFX	6	1	1	1
CALFEX	2	1		
Advance MOUT Training	1	3	4	
<b>Total Rounds Required</b>		<b>12</b>	<b>21</b>	<b>6</b>

Table 2-9 Annual Ammunition Requirement and Training Strategy for the AT4 (CAT I)				
Event	Frequency	9mm	ATWESS	HEAT
DODIC		A358	L367	C995
Field Fire <sup>1</sup>	2	24		
Record/Qualification <sup>2</sup>	2	14		
Squad/Platoon FTX	2		5	
Squad/Platoon LFX	6			2
CALFEX	2		5	1
Company FTX/DFT	1			1
Battalion FTX	1			1
EXEVAL	1		5	
RRF Preparation	1.33	12		
<b>Total Rounds Required<sup>3</sup></b>		<b>92</b>	<b>25</b>	<b>16</b>

Notes:

1. Qualification Table I (12 Rds) and Table II (12 Rds)
2. Qualification Table III (8 Rds) and Table IV (6 Rds)
3. There are 48 rifle/weapon squads per Ranger Battalion that results in 96 Rangers that must qualify with the AT4 semiannually.

Table 2-10 Annual Ammunition Requirement and Training Strategy for the M240B				
Event	Frequency	<u>Rounds Required</u>		
		Ball	Mix	Blank
DODIC		A143	A131	A111
Preliminary Marksmanship Gunner/AG/AB	2			
10 Meter Zero/Practice	2	351 <sup>1</sup>		
10 Meter Record	2	357 <sup>1</sup>		
Transition Zero/Practice	2		546 <sup>1</sup>	
Transition Record	2		462 <sup>1</sup>	
Night/Zero/Prac/Rec Fire	2		588 <sup>1</sup>	
Squad/Platoon FTX	2		600 <sup>2</sup>	400
Squad/Platoon LFX	6		800	600
CALFEX	2		600 <sup>2</sup>	400
Company FTX/DFT	2		600 <sup>2</sup>	400
Battalion FTX	2			600
EXEVAL	1		800 <sup>2</sup>	400
Major Exercise	1		600 <sup>2</sup>	400
JRX	1.33			400
BILAT	2.67			400
RRF Preparation (G/AG/AB)	1.33	54		
EDRE	1		800	400
<b>Total Rounds Required</b>		<b>1488</b>	<b>13792</b>	<b>10000</b>

Notes:

1. Gunner, Assistant Gunner, and Ammunition Bearer will qualify on all tables.
2. Ranger live fire exercises will consist of a day blank fire rehearsal, a day live fire, a night blank fire rehearsal, and a night live fire, all of which must be executed to standard.

Table 2-11 Annual Ammunition Requirement and Training Strategy for the M2 HB MG (CAT 1)				
Event	Frequency	Rounds Required		
		Ball	Mix	Blank
DODIC		A555	A557	A598
10 Meter Zero/Practice	2	234 <sup>2</sup>		
10 Meter Record Fire	2	238 <sup>2</sup>		
Transition Zero/Practice	2		364 <sup>2</sup>	
Transition Record	2		308 <sup>2</sup>	
NBC Zero/Record <sup>1</sup>	2		364 <sup>2</sup>	
Night Zero/Practice	2		360 <sup>2</sup>	
Night Record <sup>1</sup>	2		308 <sup>2</sup>	
Squad/Platoon FTX	2			400
Squad/Platoon LFX	2		1200 <sup>3</sup>	200
CALFEX	1		400 <sup>3</sup>	100
Battalion FTX/DFT	1			200
Major Exercise	1			200
JRX	1.33			200
BILAT	2.67		200 <sup>3</sup>	100
RRF Preparation (G/AG)	1.33	234		
<b>Total Rounds Required</b>		<b>1255</b>	<b>6742</b>	<b>2233</b>

Notes:

1. NBC and Night Record fires are required for qualification IAW FM 23-65.
2. DA PAM 350-39 requires that both the Gunner and AG qualify semi-annually.
3. Ranger live fire exercises will consist of a day blank fire rehearsal, a day live fire, a night blank fire rehearsal, and a night live fire, all of which must be executed to standard.

Table 2-12 Annual Ammunition Requirement and Training Strategy for the MK 19 GMG				
Event	Frequency	TP	<u>Rounds Required</u>	
			HE	HEDP
DODIC		B584	B571	B542
Familiarization				18
Primary Marksmanship Training	4			
Gunnery Skills Test	4			
Table 1 (Instructional Fire Ex)	2	26 <sup>1</sup>		
Table 2 (Dismount Rng Card Ex)	2	42 <sup>1</sup>		
Table 3 (Mounted Combat Ex)	2	26 <sup>1</sup>		
Table 4 (Night Fire Ex)	2	22 <sup>1</sup>		
Table 5 (Dismnt Rng Card Qual)	2	42 <sup>1</sup>		
Table 6 (Mounted Combat Qual)	2	26 <sup>1</sup>		
Table 7 (Night Fire Qual)	2	22 <sup>1</sup>		
Moving TGT Familiarization	2	32		
Assistant Gunner Qual (All Tbls)	2	206 <sup>2</sup>		
Crew Familiarization (5 men)	2		96	
Squad/Platoon LFX	2	60		
CALFEX	2	60		
EXEVAL	1		96 <sup>3</sup>	
Major Exercise	1		96 <sup>3</sup>	
JRX	1.33			
BILAT <sup>4</sup>	2.67			
RRF Preparation (G/AG)	1.33	5		
EDRE	1		96 <sup>3</sup>	
<b>Total Rounds Required</b>		<b>1135</b>	<b>480</b>	<b>18</b>

Notes: 1. Instruction and Record Fire IAW 23-27 (Tables 1-7)

2. Assistant gunner qualifies with same tables as the gunner.

3. HE fired on LFXs (2 cans of 48 rounds per gun)

4. Bilat HE deleted.

Table 2-13 Annual Ammunition Requirement and Training Strategy for the 60mm Mortar					
Event	Frequency	HE	<u>Rounds Required</u>		Illum
			WP	SRTR	
DODIC		B642	B630	B645	B627
Crew drill / FDC Training	12				
Gunner Examination	2				
Qualification /Sustainment LFX <sup>1</sup>	2	18	5		10
CALFEX	2	18	5		7
EXEVAL	3	39	5		7
MORTEP <sup>2</sup>	1	30	5		7
EDRE	1	18	5		7
SRTR	4			48	
<b>Total Rounds Required</b>		<b>237</b>	<b>45</b>	<b>19<sup>3</sup></b>	<b>69</b>

Notes:

1. Qualification / Sustainment LFXs are required to validate crew drill and to ensure RTC 350-1 requirement of one LFX quarterly is met.
2. Mortar ARTEP (MORTEP) is an annual requirement.
3. SRTR is refurbished nine times before replacing. Recommend 15 refurbishment kits (B653) per each (B645) cartridge requested: Total DODIC (B653) to request: 285. The tool kit (M880/M766), available at all stations, is required for recovery and refurbishment of M766 cartridge IAW TM 9-1315-252-12 & P.

Table 2-14

Annual Artillery Ammunition Requirement and Training Strategy for CMF 13F Ranger Fire Support Personnel<sup>1</sup>

Event	Frequency	HE	<u>Rounds Required</u>		
			WP	SMK	ILLUM
DODIC		C445	C454	C452	C449
TSFO	12				
Low Angle Adjust	2	9			
Immediate Suppression	2	6			
Coordinated Illumination	2	6			20
Build & Maintain a Smoke Screen	2		2	6	
SEAD	2	9			1
Danger Close <sup>2</sup>	2	6			
<b>Total Rounds Required</b>		<b>72</b>	<b>4</b>	<b>12</b>	<b>42</b>

## Notes:

1. Thirty-two CMF 13F Rangers are assigned to each of the three Ranger Battalions and six CMF 13F Rangers are assigned to the Regimental Fire Support Element. All assigned 13F Rangers will accomplish the tasks above.
2. A RTC 350-1 Requirement.



Table 2-15  
Pyrotechnics Requirements

	Frequency	2	6	2	1	1	4	4		
DODIC	NOMENCLATURE	SQD PLT FTX	SQD PLT FTX	CALFEX	CO/BN FTX DFT	EXEVAL	JRX BILAT	AMT	BN TOT	RHQ TOT
G930	GREN SMK HC	30	30	30	25	25	25		450	50
G940	GREN SMK GRN	20	15	15	15	15	15		250	50
G945	GREN SMK YEL	20	15	15	15	15	15		250	50
G950	GREN SMK RED	2	2	2	2	2	2		32	8
G955	GREN SMK VIOL	15	15	10	10	10	10		200	50
G963	GREN SMK CS	2	2	0	0	2	1		22	10
K768	RIOT CON AGENT	0	0	0	0	5	0		5	0
K867	SMK POT FIT	1	1	2	1	1	2	2	30	8
L116	KIT FLR RED	20	20	20	20	20	20		320	30
L117	KIT FLR MIX	20	20	20	20	20	20		320	30
L275	SMK MARINE	25	25	25	25	25	25		400	10
L305	SIG ILL GRN PARA	25	25	25	25	25	25		400	50
L306	SIG ILL RED PARA	25	25	25	25	25	25		400	50
L307	SIG ILL WHT PARA	25	25	25	25	25	25		400	50
L311	SIG ILL RED STAR	25	25	25	25	25	25		400	50
L312	SIG ILL WHT STAR	25	25	25	25	25	25		400	50
L314	SIG ILL GRN STAR	25	25	25	25	25	25		400	50
L494	SIM PROJ GND BURST	50	50	50	50	50	50		800	20
L495	FLR SURF TRIP	25	25	25	25	25	25		400	20

L596	SIM ARTY FLSH	25	25	25	25	25	25	25	500	15
L598	SIM BOOBY TRAP FLSH	25	25	25	25	25	25	25	500	15
L599	SIM BOOBY TRAP ILL	20	20	20	20	20	20		320	15
L600	SIM BOOBY TRAP WHST	15	15	15	15	15	15		240	60
L601	SIM HAND GRN	50	50	50	50	50	50	50	1000	20
L630	SIM PROJECT AIR BURST	25	25	25	25	25	25		400	10

Table 2-16 Annual Ammunition Requirement and Training Strategy for the M18A1 Claymore Mine			
Event	Frequency	Inert	Rounds Required M18A1
DODIC		K139	K143
Familiarization	1	X	
Squad/Platoon FTX	2	X	
Squad/Platoon LFX	6		3 <sup>1</sup>
CALFEX	2		1 <sup>1</sup>
Company FTX/DFT	1		3 <sup>1</sup>
Battalion FTX	3	X	
EXEVAL	3	X	3 <sup>1</sup>
JRX	1.33		1 <sup>1</sup>
<b>Total Rounds Required</b>			<b>36<sup>1</sup> 1188<sup>2</sup></b>

Notes:

1. Mines per squad (x 33 sqds)
2. Rounds required per battalion

Table 2-17 Annual Ammunition Requirement for Ranger Demolition Teams <sup>1</sup>				
Item	DODIC	Rounds per Tm	<u>Munitions</u> Frequency	Annual Requirement
Shape Charge (15 or 40lb)	M420		1	9
Cratering Charge (40 lb)	M039		1	27
M1A1 Firing Device	ML03	2	1	54
M5 Firing Device	ML27	2	1	54
M1 Firing Device	M630	2	1	54
Grenade WP	G935	2	1	54
Bangalore Torpedo <sup>2</sup>	M028	2	1	27
Demolitions TNT (1/4 lb) <sup>3</sup>	M030	34	1	918
Demolitions C4 (1 1/4 lb) <sup>3</sup>	M023	67	1	1809
Detonating Cord (ft)	M456	336	1.5 <sup>4</sup>	13608
Time or Safety Fuse (ft)	M670	160	1.5 <sup>4</sup>	6480
Fuse Igniter <sup>5</sup>	M766	28	1	831 <sup>5</sup>
Electric Blasting Cap	M130	62	1	1674
Nonelectric Blasting Cap	M131	42	1	1134
Igniter, Time, Blasting Fuse <sup>5</sup>	MN08	28	1	831 <sup>5</sup>
Holder, Cap Blasting and Shock Tube	ML45		1	300
Cap Blasting, Non- Electric, 30ft (ea) Shock Tube	ML47	8	1	216
Cap Blasting, Non- Electric, 500ft (ea) Shock Tube	MN02	8	1	216
Cap Blasting, Non- Electric, Delay 7.5ft (ea)	MN06	8	1	216

Notes:

1. Each platoon will have three demolition teams for a total of 27 teams per Battalion.
2. Five sections of the Bangalore Kit will be used for each iteration.
3. C4 and TNT can be substituted for each other, on a pound-for-pound basis.
4. Increased frequency to account for demolition team sustainment training conducted during LFXs as well as

Advanced MOUT Training (AMT).

5. Additional fuse ignitors (10 percent) are required for rehearsals and test burns.